

Abstract

[0049] An irrigation assembly has a main pipeline supported at intervals by mobile towers, a plurality of drop tube assemblies at spaced intervals along the pipeline and a collector positioned to receive water from the drop tube assembly. A plurality of targets are positioned on the ground in the paths of motion defined by the movement of the collectors. The targets may be dishes. Each dish preferably has a perforated drain that penetrates beneath the surface of the ground. Interaction between the collector and the target causes the water stored within the collector to be released into the target. The irrigation assembly may provide for underground irrigation without a collector where a dish or trough receives water from the drop tube assembly and underground drains allow for water to be dispersed below the ground.

TECHNICAL FIELD